

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

United States Patent Application**COMBINED DECLARATION AND POWER OF ATTORNEY**

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **EXTENSIONS FOR ADDING AND REMOVING CALCULATED MEMBERS IN A MULTIDIMENSIONAL DATABASE.**

The specification of which was filed on October 15, 1999 as application serial no. 09/419,427.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. §1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

No such claim for priority is being made at this time.

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Adams, Gregory J.	Reg. No. 44,494	Huebsch, Joseph C.	Reg. No. 42,673	Nielsen, Walter W.	Reg. No. 25,539
Anglin, J. Michael	Reg. No. 24,916	Jurkovich, Patti J.	Reg. No. 44,813	Oh, Allen J.	Reg. No. 42,047
Bianchi, Timothy E.	Reg. No. 39,610	Kalis, Janal M.	Reg. No. 37,650	Padys, Danny J.	Reg. No. 35,635
Billion, Richard E.	Reg. No. 32,836	Kaufmann, John D.	Reg. No. 24,017	Parker, J. Kevin	Reg. No. 33,024
Black, David W.	Reg. No. 42,331	Klima-Silberg, Catherine I.	Reg. No. 40,052	Peacock, Gregg A.	Reg. No. 45,001
Brennan, Leoniede M.	Reg. No. 35,832	Kluth, Daniel J.	Reg. No. 32,146	Perdok, Monique M.	Reg. No. 42,989
Brennan, Thomas F.	Reg. No. 35,075	Lacy, Rodney L.	Reg. No. 41,136	Polglaze, Daniel J.	Reg. No. 39,801
Brooks, Edward J., III	Reg. No. 40,925	Leffert, Thomas W.	Reg. No. 40,697	Prout, William F.	Reg. No. 33,995
Chu, Dinh C.P.	Reg. No. 41,676	Leclair, Charles A.	Reg. No. 36,198	Sako, Katie E.	Reg. No. 32,628
Clark, Barbara J.	Reg. No. 38,107	Litman, Mark A.	Reg. No. 26,390	Schumm, Sherry W.	Reg. No. 39,422
Crouse, Daniel D.	Reg. No. 32,022	Lundberg, Steven W.	Reg. No. 30,568	Schwegman, Micheal L.	Reg. No. 25,816
Dahl, John M.	Reg. No. 44,639	Mack, Lisa K.	Reg. No. 42,825	Sieffert, Kent J.	Reg. No. 41,312
Drake, Eduardo E.	Reg. No. 40,594	Maki, Peter C.	Reg. No. 42,832	Slifer, Russell D.	Reg. No. 39,838
Eliseeva, Maria M.	Reg. No. 43,328	Malen, Peter L.	Reg. No. 44,894	Smith, Michael G.	Reg. No. P-45,368
Embretson, Janet E.	Reg. No. 39,665	Mates, Robert E.	Reg. No. 35,271	Steffey, Charles E.	Reg. No. 25,179
Fogg, David N.	Reg. No. 35,138	McCrackin, Ann M.	Reg. No. 42,858	Terry, Kathleen R.	Reg. No. 31,884
Fordenbacher, Paul J.	Reg. No. 42,546	Nama, Kash	Reg. No. 44,255	Viksnins, Ann S.	Reg. No. 37,748
Forrest, Bradley A.	Reg. No. 30,837	Nelson, Albin J.	Reg. No. 28,650	Woessner, Warren D.	Reg. No. 30,440
Harris, Robert J.	Reg. No. 37,346				

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary.

Please direct all correspondence in this case to **Schwegman, Lundberg, Woessner & Kluth, P.A.** at the address indicated below:

P.O. Box 2938, Minneapolis, MN 55402

Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 1 : **Cristian Petculescu**

Citizenship: **Romania**

Residence: **Redmond, WA**

Post Office Address: **8500 148th NE
Apt. P2048
Redmond, WA 98052**

Signature: _____

Cristian Petculescu

Date: _____

01/10/2000

Full Name of joint inventor number 2 : **Amir Netz**

Citizenship: **Israel**

Residence: **Bellevue, WA**

Post Office Address: **16607 NE 32nd St.
Bellevue, WA 98008**

Signature: _____

Amir Netz

Date: _____

1/10/2000

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Cristian Petculescu, Et Al.

Confirmation No.: 1252

Serial No.: 09/419,427

Group Art Unit: 2172

Filed: October 15, 1999

Examiner: Cam Y T Truong

For: EXTENSIONS FOR ADDING AND REMOVING CALCULATED MEMBERS
IN A MULTIDIMENSIONAL DATABASE

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

ASSOCIATE POWER OF ATTORNEY

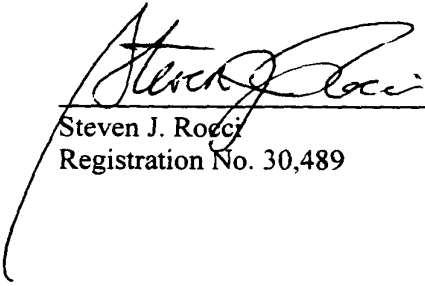
The undersigned, of the firm WOODCOCK WASHBURN LLP, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103, Attorney(s) and/or Agents for Applicant(s), hereby appoints the following:

Richard E. Kurtz	Registration No. 19,263	Harold H. Fullmer	Registration No. 42,560
Dale M. Heist	Registration No. 28,425	John E. McGlynn	Registration No. 42,863
John W. Caldwell	Registration No. 28,937	Jonathan M. Waldman	Registration No. 40,861
Gary H. Levin	Registration No. 28,734	Chad Ziegler	Registration No. 44,273
Dianne B. Elderkin	Registration No. 28,598	David N. Farsiou	Registration No. 44,104
John P. Donohue, Jr.	Registration No. 29,916	Steven H. Meyer	Registration No. 37,189
Henrik D. Parker	Registration No. 31,863	Paul B. Milcetic	Registration No. 46,261
Suzanne E. Miller	Registration No. 32,279	Joseph R. Condo	Registration No. 42,431
Lynn B. Morreale	Registration No. 32,842	Michael K. Jones	Registration No. 41,100
Joseph Lucci	Registration No. 33,307	Frank T. Carroll	Registration No. 42,392
Michael P. Dunnam	Registration No. 32,611	Thomas E. Watson	Registration No. 43,243
Michael D. Stein	Registration No. 34,734	Peter M. Ullman	Registration No. 43,963
Albert J. Marcellino	Registration No. 34,664	Richard B. LeBlanc	Registration No. 39,495
David R. Bailey	Registration No. 35,057	Joseph D. Rossi	Registration No. 47,038
Barbara L. Mullin	Registration No. 38,250	George J. Awad	Registration No. 46,528
Kevin M. Flannery	Registration No. 35,871	Steven D. Maslowski	Registration No. 46,905
David A. Cherry	Registration No. 35,099	S. Maurice Valla	Registration No. 43,966
Lynn A. Malinoski	Registration No. 38,788	Emma R. Dailey	Registration No. 48,491
Steven B. Samuels	Registration No. 37,711	Vincent J. Roccia	Registration No. 43,887
Janet E. Reed	Registration No. 36,252	Stephen C. Timmins	Registration No. 48,481
Jeffrey J. King	Registration No. 38,515	Richard D. Watkins	Registration No. 50,993
Alfred W. Zaher	Registration No. 42,248	Erich M. Falke	Registration No. 49,049
Robert B. Washburn	Registration No. 16,574	Jane E. Inglese	Registration No. 48,444
Norman L. Norris	Registration No. 24,196	Susan C. Murphy	Registration No. 46,221
Michael J. Swope	Registration No. 38,041	Raymond N. Scott, Jr.	Registration No. 48,666
Michael J. Bonella	Registration No. 41,628	David L. Marcus	Registration No. 46,897

Lawrence A. Aaronson	Registration No. 38,369	Jeffrey H. Rosedale	Registration No. 46,018
John A. Harrelson, Jr.	Registration No. 42,637	Andrew T. Serafini	Registration No. 41,303
Joseph Milowic, III	Registration No. 52,034	Bruce D. George	Registration No. 43,631
Kenneth R. Eiferman	Registration No. 51,647	Tara L. Rachinsky	Registration No. 47,875
Karen M. Whitney	Registration No. P52,355	Jerome G. Schaefer	Registration No. 50,800
Amy Carr-Trexler	Registration No. 51,531	Joseph F. Oriti,	Registration No. 47,835
Daniel D. Biesterveld	Registration No. 45,898	Richard W. Knight	Registration No. 42,751
Sharon Fenick	Registration No. 45,269	Scott E. Scioli	Registration No. 47,930
Phillip A. Singer	Registration No. 40,176	Andrew J. Hagerty	Registration No. 44,141
Wendy A. Choi	Registration No. 36,697	Walter C. Frank	Registration No. P52,911
Felicity E. Groth	Registration No. 47,042		

his/her associates with full power to prosecute the above-identified application and to transact all business in the Patent Office connected therewith and requests that correspondence continue to be directed to the firm of WOODCOCK WASHBURN LLP at the above address.

Date: March 4, 2003


Steven J. Rocci
Registration No. 30,489

Woodcock Washburn LLP
One Liberty Place - 46th Floor
Philadelphia PA 19103
Telephone: (215) 568-3100
Facsimile: (215) 568-3439

DOCKET NO: MSFT-0535/138343.1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Petculescu et al.

Serial No.: 09/419427

Group Art Unit: 2782

Filed: 10/15/1999

Examiner: Not Assigned Yet

**For: EXTENSION FOR ADDING AND REMOVING CALCULATED
MEMBERS IN MULTIDIMENSIONAL DATABASE**

BOX DSD

**Commissioner of Patents & Trademarks
Washington, DC 20231**

Sir:

**POWER OF ATTORNEY WITH REVOCATION
AND STATEMENT UNDER 37 CFR 3.73(b)**

Revoking any and all powers of attorney heretofore given in the matter of the above-entitled application, the undersigned, assignees of the entire interest in the above-identified application, hereby appoints **STEVEN J. ROCCI**, Registration No. **30,489**, of the firm of **WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP**, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania, 19103, as attorney(s) for applicant, with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith. The authority granted herein shall remain in effect unless otherwise revoked in writing by the undersigned or otherwise terminated.

In addition, the assignee also appoints the following attorneys listed below of **MICROSOFT CORPORATION**, One Microsoft Way, Redmond, Washington 98052 with

DOCKET NO: MSFT-0535/138343.1

PATENT

full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

Katie E. Sako

Registration No. 32,628

Daniel D. Crouse

Registration No. 32,022

Send all future correspondence and address all telephone calls to:

**STEVEN J. ROCCI
WOODCOCK WASHBURN KURTZ
MACKIEWICZ & NORRIS LLP
One Liberty Place - 46th Floor
Philadelphia, PA 19103
(215) 568-3100**

STATEMENT UNDER 37 C.F.R. §3.73(b)

MICROSOFT CORPORATION, a corporation of the **State of Washington**, certifies that it is the assignee of the entire right, title, and interest in the patent application/patent identified above by virtue of:


- ☒ An assignment from the inventor(s) of the patent application/patent identified above.
- ☒ 1. The assignment was recorded in the Patent and Trademark Office at Reel 010532, Frame 0238.
- ☐ 2. The assignment has not yet been recorded. A copy of the assignment is attached.

☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignees identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee, **MICROSOFT CORPORATION**.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.



Name: KATIE E. SAKO
Title: Assistant Secretary
Corporation: MICROSOFT CORPORATION
Date: 4/27/2001



UNITED STATES PATENT AND TRADEMARK OFFICE

MSFT-0535

SJR

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
09/419,427	10/15/1999	CRISTIAN PETCULESCU	777.324US1

CONFIRMATION NO. 1252



OC000000006142452

STEVEN J. ROCCI
WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP
ONE LIBERTY PLACE - 46TH FLOOR
PHILADELPHIA, PA 19103

RECEIVED

JUN 06 2001

Woodcock Washburn Kurtz
Mackiewicz & Norris LLP

Date Mailed: 06/04/2001

NOTICE REGARDING POWER OF ATTORNEY

This is in response to the Power of Attorney filed 05/22/2001.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

RECEIVED

JUN 06 2001

DOCKET DEPT.
WWKMN

Verlene Green
VERLENE GREEN

HEAD SUPERVISORY LEGAL INSTRUMENTS EXMR.
TECHNOLOGY CENTER

~~Customer Service Center (703) 305-4376~~
~~Initial Patent Examination Division (703) 308-1202~~

ATTORNEY/APPLICANT COPY